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OPD - 1993-11-30
TI - AUTOMATIC PRINTER SELECTING DEVICE
IN - UTSUKI TAKESHI
PA - NIPPON ELECTRIC CO
IC - G06F3/12
CT - JP3122715 A []; JP5108283 A []

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TI - Printer automatic selection device for network - has destination selection unit to select nearest possible printer based on collation of operational and positional data of each printer

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IC - G06F3/12

AB - J07152510 The selection device has a terminal equipment (30) connected to a number of printers (20a-20n). An operation information management unit (12) stores the operational state (20x) of each printer. A positional information management unit (13) stores positional information of the printer with respect to the terminal equipment.

- An output destination selection unit (11) selects the nearest printer, when the terminal equipment sends output to be printed. The selection of the printer is made based on collation of the operational state and positional data stored in their sequence. The output information from the terminal equipment is printed by the selected printer.
- ADVANTAGE - Avoids selection of specific printer. Increases efficiency of entire system. Avoids difficulty of user while collecting outputs.(Dwg.1/5)

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- AP - JP19930329793 19931130
- IN - UTSUKI TAKESHI
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- TI - AUTOMATIC PRINTER SELECTING DEVICE
- AB - PURPOSE:To provide an automatic printer selecting device which automatically selects a printer that is not working and has a short distance from a terminal equipment and then carries out a print-out operation by means of the selected printer.
- CONSTITUTION:An automatic printer selecting device is provided with a working information control means12 which is placed in a network where a terminal equipment50 is connected to plural printers 20a-20n and controls the information showing the working states of the printers 20a-20n, a position information control means 13 which controls the position information showing the positional relation between the equipment30 and the printers 20a-20n for each of equipment 30 and printers 20a-20n, and an output destination deciding means 11 which decides a printer 20x to print out the data received its output instruction from the equipment30 based on the working information controlled by the part12 and the position information controlled by the means13. Thus it is possible to automatically select a printer that is not working and has a short distance from the equipment30 end to carry out a print-out operation by means of the selected printer.
- I - G06F3/12

30

端末装置

10 プリンタ自動選定装置

11

出力先
選定手段

12

稼働情報管理手段

13

位置情報管理手段

プリンタ

プリンタ

プリンタ

プリンタ

20a

20b

20c

20d